



**Montana Department of Transportation**  
**PO Box 201001**  
**Helena, MT 59620-1001**

**MEMORANDUM**

**To:** See Distribution  
**From:** Mark Wissinger, P.E.  
Construction Engineer  
**Date:** October 23, 2006  
**Subject:** Supplemental Specification Revision: 401.03.10 Spreading and Finishing

The Construction Administration Services Bureau is proposing revisions to Standard Specification, 401.03.10 Spreading and Finishing. Following the Standard Specification Revision Process outlined in the Construction Engineer's Memorandum dated January 9, 2002 the following information is provided.

1. Standard Specification, 401.03.10 Spreading and Finishing will be modified.
2. The Proposed Draft of the change is attached along with this memorandum.
3. Revision to the Standard Specification is needed to delete the lift thickness requirements, as MDT no longer specifies lift thicknesses.
4. Those impacted by the change include:  
  
Contractors, MDT Materials Bureau, MDT Field Crews, CAS Bureau
5. The following individuals were consulted and/or involved in developing the proposed revisions:

Materials Bureau

*It is requested that written comments on **the proposed revisions only**, be returned to [mdtspecifications@mt.gov](mailto:mdtspecifications@mt.gov) no later than November 30, 2006.*

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Delete the third paragraph of 401.03.10

#### **401.03.10 Spreading and Finishing**

Place and spread the mix to the widest practical width on the approved surface. Place shoulder-widening material with approved equipment.

Transport and place the bituminous mix with the least possible segregation. Remove and replace segregated pavement areas behind the paver with specification material before initial rolling begins. Correct all segregated areas at Contractor expense.

~~Place plant mix surfacing in compacted lifts not exceeding 0.20 feet (60 mm) thick; plant mix bituminous base in compacted lifts not exceeding 0.35 feet (110 mm); and plant mix base riding course not exceeding 0.25 feet (75 mm) thick.~~

Establish and maintain horizontal line control for paving. The Engineer will furnish the Contractor the necessary survey notes to establish these controls. Maintain the paving control line tolerance within 0.25 foot (75 millimeters) of a true line from the existing reference points using standard surveying practices.

Failure to maintain the paver control line within the specified tolerance is cause for corrective action or pavement removal and replacement, as directed by the Engineer, at Contractor expense.

Include the cost of furnishing horizontal line control in the plant mix pavement bid item.

Set a string line using the alignment control to establish one edge of the first lane of each surfacing lift. Remove all string line used for the final lift after use.

On small or irregular areas, approaches, turnouts, around manholes, inlets, walls, and on other areas not readily accessible to a paver, plant mix material may be spread to the specified thickness by special pavers or other approved methods. Compact these areas as directed.

Place plant mix pavement at bridge ends using wire line grade control meeting the applicable requirements of Subsection 411.03.5.

Non-Interstate two lane plant mix pavements may be opened to traffic or to haul units when the mat is compacted and cooled.

Four lane routes may be opened to traffic and haul units when the mat is compacted and the surface cools to 140 °F (60 °C).